LISTING OF CLAIMS:

1. (Previously Presented) A liposome preparation comprising a unilamellar vesicle comprising a lipid bilayer comprising a phospholipid as the main membrane component, the unilamellar vesicle further comprising an interior aqueous phase at a pH of up to 5, wherein the unilamellar vesicle comprises a drug loaded therein, and wherein the unilamellar vesicle is modified with a hydrophilic macromolecule only on its exterior surface and the hydrophilic macromolecule is introduced as a phospholipid derivative of the hydrophilic macromolecule.

2. (Previously Presented) The liposome preparation according to claim 1, wherein the drug is a drug that is unstable at a pH higher than 5.

3. (Previously Presented) The liposome preparation according to claim 1, wherein the drug loaded is at a concentration of 0.05 mole / mole lipid.

4. (Previously Presented) The liposome preparation according to claim 1, wherein the drug loaded is at a concentration of 0.1 mole / mole lipid.

5. (Previously Presented) The liposome preparation according to claim 1, wherein the main membrane component is a phospholipid having a phase transition temperature of at least 50°C.

6. (Previously Presented) The liposome preparation according to claim 1, wherein the phospholipid is a hydrogenated phospholipid.

7. (Withdrawn) The liposome preparation according to claim 1, wherein the phospholipid is a sphingophospholipid.

8. (Previously Presented) The liposome preparation according to claim 1, wherein the lipid bilayer comprises a lipid other than the phospholipid as a membrane component.

9. (Previously Presented) The liposome preparation according to claim 6, wherein the lipid bilayer further comprises a cholesterol as a component.

10. (Previously Presented) The liposome preparation according to claim 1, wherein the lipid bilayer further comprises a basic compound containing a group selected from amino group, amidino group, and guanidino group as a component.

11. (Original) The liposome preparation according to claim 10, wherein the basic compound is 3,5- dipentadecyloxybenzamidine hydrochloride.

12. (Previously Presented) The liposome preparation according to claim 1, wherein the hydrophilic macromolecule is polyethylene glycol having a molecular weight of 500 to 10,000 Dalton.

13. (Canceled).

14. (Previously Presented) The liposome preparation according to claim 1, wherein the liposome preparation has an average size of 40 to 140 nm.

15. (Previously Presented) The lipsome preparation according to claim 1, wherein the liposome preparation has an average size of 50 to 130 nm.

16. (Previously Presented) The liposome preparation according to claim 1, wherein the liposome preparation has an average size of 60 to 120 nm.

17. (Previously Presented) The liposome preparation according to claim 1, wherein the interior aqueous phase has a pH of 2 to 5.

18. (Withdrawn) A method for producing a liposome preparation of claim 1 comprising the steps of

preparing a vesicle having a unilamellar layer structure of a lipid bilayer containing a phospholipid so that the interior aqueous phase has a pH of up to 5;

adding a lipid derivation of the hydrophilic macromolecule to modify only the exterior surface of the vesicle; and

encapsulating the drug in the interior of the liposome either by preliminarily adding the drug to the interior aqueous phase in the course of the preparation of the vesicle, or alternatively, by adding the drug from the exterior of the vesicle after preparing the vesicle by penetration through the lipid bilayer.